

Applied Isotope Geochemist

Department of Geological Sciences and Geological Engineering, Faculty of Arts and Science

The Department of Geological Sciences and Geological Engineering at Queen's University invites applications for a tenured faculty position at the rank of Professor with specialization in Applied Isotope Geochemistry with a preferred starting date of July 1, 2019.

The successful candidate will develop a research program in the field of stable isotope geochemistry, which may include interactions between biosphere, atmosphere, hydrosphere or lithosphere. Geochemical applications to resource exploration and exploitation will be considered an asset.

We seek an individual who has international expertise in isotope ratio mass spectrometry, and demonstrated stature and vision to transform the Queen's Facility for Isotope Research (QFIR), working as co-director in the collegial governance structure. The successful candidate will work with the cluster of faculty and technical staff, and maintain and grow QFIR. The candidate will be expected to have eclectic curiosity to collaborate with an array of university, government and industry partners and strong connections to agencies and industries worldwide.

Hands-on experience with Isotope Ratio Mass Spectrometry and offline gas preparation is critical for the successful candidate. QFIR operates two – Thermo Scientific™ MAT 253™ isotope ratio Mass Spectrometers and two DELTA^{plus}XP Stable Isotope Ratio Mass Spectrometers with on-line gas preparation and introduction systems. In addition to IR-MS expertise, experience with plasma-based stable and radiogenic isotope instrumentation, and laser ablation is an asset. QFIR operates one Thermo Scientific™ Neptune™ high resolution MC-ICPMS, one Thermo Scientific™ Element 2/XR™ ICP-MS, one Thermo Scientific™ X-Series 2 ICP-MS, and one Thermo Scientific™ iCAP 7200 ICP-OES. To facilitate the handling and preparation of isotopic materials the candidate should have experience in managing a complex lab environment, include a Class 100 cleanroom.

The successful candidate will be envisaged to develop analytical methods within the Department's world-class analytical laboratories, especially the Queen's Facility for Isotope Research. In keeping with the departmental strength in field learning, a willingness to undertake research and teaching in the field would be considered an asset.

Candidates must have a PhD or equivalent degree completed at the start date of the appointment. The main criteria for selection are research and teaching excellence. Current registration as, or willingness/eligibility to register as a P.Geo. or P.Eng. would be considered an asset.

The successful candidate will provide evidence of high quality scholarly output that demonstrates independent research leading to peer assessed publications and the securing of external research funding, as well as strong potential for outstanding teaching contributions at both the undergraduate and graduate levels, and an ongoing commitment to academic and pedagogical excellence in support of the department's programs. Candidates must provide evidence of an ability to work collaboratively in an interdisciplinary and student-centred environment. The successful candidate will be required to make substantive contributions through service to the department, the Faculty, the University, and/or the broader community. Salary will be commensurate with qualifications and experience. This position is subject to final budgetary approval by the University.

The University invites applications from all qualified individuals. Queen's is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, Aboriginal peoples, persons with disabilities, and LGBTQ persons. All qualified candidates are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority.

To comply with federal laws, the University is obliged to gather statistical information as to how many applicants for each job vacancy are Canadian citizens / permanent residents of Canada. Applicants need not identify their country of origin or citizenship; however, all applications must include one of the following statements: "I am a Canadian citizen / permanent resident of Canada"; OR, "I am not a Canadian citizen / permanent resident of Canada". Applications that do not include this information will be deemed incomplete.

A complete application consists of:

- a cover letter (including one of the two statements regarding Canadian citizenship / permanent resident status specified in the previous paragraph);
- a current Curriculum Vitae (including a list of publications);
- a statement of research interests;
- a statement of teaching interests and experience (including teaching outlines and evaluations if available); and,
- Three letters of reference to be sent directly to Dr. Vicki Remenda at GSGEpositions@queensu.ca.

The deadline for applications is **December 1, 2018**. Applicants are encouraged to send all documents in their application package electronically as PDFs to Dr. Vicki Remenda at GSGEpositions@queensu.ca, although hard copy applications may be submitted to:

Dr. Vicki Remenda, Head
Department of Geological Sciences and Geological Engineering
Bruce Wing, Room 249
36 Union Street
Queen's University
Kingston, Ontario

CANADA K7L 3N6

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact Mr. Paul Bass, Departmental Manager, at 613-533-2596 (pdb@queensu.ca).

Academic staff at Queen's University are governed by a [Collective Agreement](#) between the University and the [Queen's University Faculty Association \(QUFA\)](#), which is posted at <http://queensu.ca/facultyrelations/faculty-librarians-and-archivists/collective-agreement> and at <http://www.qufa.ca>.